

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

**LOK SABHA
UNSTARRED QUESTION NO.1008**

TO BE ANSWERED ON WEDNESDAY, FEBRUARY 8, 2017

83 SATELLITES IN ONE GO

1008. SHRI VENKATESH BABU T.G.:

Will the PRIME MINISTER be pleased to state:

- (a) whether ISRO has launched RESOURCESAT-2A Agni-4 and is also planning to launch 83 satellites in one go;**
- (b) if so, the details thereof and the number of satellites launched during the last three years, year-wise and the features thereof;**
- (c) whether ISRO is proposing to launch more satellites in the near future;**
- (d) if so, the details thereof and the time by which these are likely to be launched;**
- (e) if not, the reasons therefor?**

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG &
PENSIONS AND IN THE PRIME MINISTER'S OFFICE**

(DR. JITENDRA SINGH):

- (a) ISRO has launched the remote sensing satellite 'RESOURCESAT-2A' onboard India's Polar Satellite Launch Vehicle (PSLV-C36) on December 07, 2016 from Satish Dhawan Space Centre, Sriharikota. Agni-4 does not fall under the**

purview of ISRO/ DOS. ISRO is planning to launch 104 satellites in one go onboard PSLV-37 scheduled for launch in February 2017.

- (b) These 104 satellites planned to be launched on board PSLV-C37 comprises of - (i) Indian Remote Sensing Satellite 'Cartosat-2 Series' (weighing ~ 727 kg) as primary payload along with two Indian Nano Satellites viz. INS-1A & INS-1B (weighing ~19 kg) and (ii) Remaining 101 satellites (weighing ~ 646 kg) are from foreign countries namely, Dubai, Israel, Kazakhstan, Netherlands, Switzerland and USA. The satellites from foreign countries are being launched as part of the commercial arrangement entered into between the foreign customer and Antrix Corporation Limited (Antrix), the commercial arm of ISRO.**

ISRO has launched 20 satellites during the last three years i.e. 2014, 2015 and 2016. The details are placed in Annexure-I.

- (c) & (d)**

Yes, Madam. ISRO proposes to launch about 18 satellites during January 2017 to December 2018. These satellites include 8 earth observation satellites, 6 communication satellites, 1 navigation satellite, 1 space science satellite and 2 experimental Nano satellites.

- (e) Does not arise.**

ANNEXURE-I

Annexure referred to in reply to part (b) of Lok Sabha Unstarred Question No. 1008 for answer on 08/02/2017

Sl. No.	Satellite	Launch Date	Weight (Kg)	Purpose of Satellite
1.	GSAT-14	05-01-2014	1982	Communication
2.	IRNSS-1B	04-04-2014	1425	Navigation
3.	IRNSS-1C	16-10-2014	1425	Navigation
4.	GSAT-16 *	07-12-2014	3182	Communication
5.	IRNSS-1D	28-03-2015	1425	Navigation
6.	GSAT-6	27-08-2015	2117	Communication
7.	ASTROSAT	28-09-2015	1515	Space Science
8.	GSAT-15 *	11-11-2015	3164	Communication
9.	IRNSS-1E	20-01-2016	1425	Navigation
10.	IRNSS-1F	10-03-2016	1425	Navigation
11.	IRNSS-1G	28-04-2016	1425	Navigation
12.	Cartosat-2 Series	22-06-2016	727	Earth Observation
13.	SWAYAM	22-06-2016	1	Experimental
14.	SATYABHAMASAT	22-06-2016	1.5	Experimental
15.	INSAT-3DR	08-09-2016	2211	Weather & Climate
16.	SCATSAT-1	26-09-2016	371	Weather & Climate
17.	PRATAHAM	26-09-2016	10	Student
18.	PISAT	26-09-2016	5.25	Student
19.	GSAT-18 *	06-10-2016	3404	Communication
20.	RESOURCESAT-2A	07-12-2016	1235	Earth Observation

** indicates satellites launched using foreign launch vehicles*